select \* from employee where deptno=10 and salary>3000;

+-------+--------+---------+--------+----------+

| empid | fname | lname | deptno | salary |

+-------+--------+---------+--------+----------+

| 800 | George | Clooney | 10 | 10000.00 |

+-------+--------+---------+--------+----------+

Alter table students add column Grading varchar(30);

update students set Grading= case

-> when marks>80 then "Distinctions"

-> when marks>60 then "First\_Class"

-> when marks>50 then "Second\_class"

-> else "Third\_class"

-> end;

select count(id) from students where grading ="First\_class";

+-----------+

| count(id) |

+-----------+

| 12 |

+-----------+

select count(id) from students where grading="Distinctions";

+-----------+

| count(id) |

+-----------+

| 10 |

+-----------+

select distinct(id),city from station where id%2=0;

+------+-----------------------+

| id | city |

+------+-----------------------+

| 794 | Kissee Mills |

| 824 | Loma Mar |

| 478 | Tipton |

| 588 | Glencoe |

| 342 | Chignik Lagoon |

| 698 | Albany |

| 414 | Manchester |

| 266 | Cahone |

| 438 | Bowdon |

| 92 | Watkins |

| 426 | Millville |

| 844 | Aguanga |

| 606 | Morenci |

| 166 | Mccomb |

| 766 | Gustine |

| 392 | Delano |

| 728 | Roy |

| 656 | Pattonsburg |

| 394 | Centertown |

| 366 | Norvell |

| 96 | Raymondville |

| 436 | West Hills |

| 814 | Wickliffe |

| 604 | Forest Lakes |

| 706 | Little Rock |

| 250 | Hampden |

| 124 | Pine |

| 630 | Prince |

| 896 | Yazoo |

| 482 | Jolon |

| 252 | Childs |

| 600 | Shreveport |

| 14 | Forest |

| 260 | Sizerock |

| 174 | Onaway |

| 98 | Hackleburg |

| 312 | Bentonville |

| 854 | Kirkland |

| 160 | Grosse |

| 608 | Busby |

| 122 | Robertsdale |

| 906 | Hayfork |

| 34 | Mcbrides |

| 536 | Henderson |

| 370 | Palm Desert |

| 614 | Benedict |

| 998 | Oakfield |

| 820 | Chokio |

| 650 | Clancy |

| 324 | Norwood |

| 442 | Elkton |

| 780 | Cherry |

| 492 | Regina |

| 778 | Pine Bluff |

| 752 | East |

| 886 | Pony |

| 200 | Franklin |

| 384 | Amo |

| 518 | Vulcan |

| 188 | Prairie Du Rocher |

| 486 | Delta |

| 406 | Carver |

| 940 | Paron |

| 570 | Greenview |

| 278 | Cromwell |

| 218 | Round |

| 668 | Rockton |

| 682 | Pheba |

| 108 | North |

| 190 | Oconee |

| 232 | Grandville |

| 444 | Richland |

| 738 | Philipsburg |

| 420 | Frankfort |

| 888 | Bono |

| 784 | Biggsville |

| 946 | Newton |

| 380 | Crane |

| 44 | Kismet |

| 474 | Grayslake |

| 990 | Bison |

| 502 | Bellevue |

| 4 | South |

| 228 | Rydal |

| 642 | Lynnville |

| 202 | Hope |

| 938 | Andersonville |

| 528 | Crouseville |

| 944 | Ledyard |

| 88 | Eros |

| 878 | Rantoul |

| 498 | Glen |

| 774 | Manchester |

| 116 | Mc Henry |

| 364 | Howard |

| 910 | Salem |

| 612 | Sturdivant |

| 970 | East |

| 510 | Eastlake |

| 354 | Larkspur |

| 526 | Tarzana |

| 176 | Grapevine |

| 994 | Kanorado |

| 704 | Climax |

| 582 | Curdsville |

| 884 | Southport |

| 196 | Compton |

| 430 | Rumsey |

| 234 | Rogers |

| 700 | Pleasant |

| 702 | Everton |

| 662 | Skanee |

| 26 | Church |

| 692 | Yellow |

| 336 | Dumont |

| 464 | Gales |

| 842 | Decatur |

| 982 | Holbrook |

| 868 | Sherrill |

| 554 | Brownsdale |

| 950 | Peachtree City |

| 326 | Rocheport |

| 638 | Clovis |

| 156 | Heyburn |

| 722 | Marion |

| 428 | Randall |

| 322 | "White Horse Beach" |

| 242 | Macy |

| 960 | Deep |

| 180 | Napoleon |

| 382 | Leavenworth |

| 710 | Turners |

| 520 | Delray |

| 920 | Eustis |

| 684 | Mineral |

| 834 | Bayville |

| 100 | North |

| 522 | Harmony |

| 16 | Beaufort |

| 506 | Firebrick |

| 76 | Pico |

| 246 | Ludington |

| 666 | West Baden Springs |

| 504 | Melber |

| 306 | Bainbridge |

| 586 | Ottertail |

| 524 | Montrose |

| 716 | Schleswig |

| 904 | Ermine |

| 740 | Siler |

| 672 | Lismore |

| 572 | Athens |

| 890 | Eufaula |

| 914 | Hanscom |

| 540 | Mosca |

| 678 | Bennington |

| 208 | Lottie |

| 512 | Garland |

| 352 | Clutier |

| 948 | Lupton |

| 288 | Daleville |

| 560 | Osage City |

| 826 | Norris |

| 240 | Saint |

| 102 | Kirksville |

| 80 | Bridgton |

| 596 | Brownstown |

| 440 | Grand |

| 110 | Mesick |

| 396 | Dryden |

| 566 | Marine On Saint Croix |

| 130 | Hayneville |

| 538 | Cheswold |

| 350 | Cannonsburg |

| 332 | Elm |

| 172 | Atlantic |

| 404 | Farmington |

| 182 | Winter |

| 328 | Monroe |

| 646 | Greens |

| 756 | Garden |

| 400 | New |

| 610 | Archie |

| 70 | Norphlet |

| 996 | Keyes |

| 750 | Neon |

| 410 | Calhoun |

| 988 | Mullan |

| 640 | Walnut |

| 302 | Saint |

| 476 | Julian |

| 294 | Orange |

| 356 | Ludlow |

| 494 | Palatka |

| 636 | Ukiah |

| 106 | Yuma |

| 204 | Alba |

| 344 | Zachary |

| 162 | Montgomery |

| 362 | Magnolia |

| 712 | Dundee |

| 154 | Baker |

| 836 | Kenner |

| 82 | Many |

| 644 | Seward |

| 696 | Chilhowee |

| 84 | Cobalt |

| 754 | South |

| 144 | Eskridge |

| 226 | Decatur |

| 224 | West |

| 694 | Ozona |

| 470 | Healdsburg |

| 690 | Ravenden |

| 62 | Monroe |

| 922 | Kell |

| 838 | Strasburg |

| 286 | Five |

| 968 | Norris |

| 928 | Coaling |

| 746 | Orange |

| 892 | Effingham |

| 830 | Greenway |

| 270 | Shingletown |

| 378 | Clio |

| 104 | Yalaha |

| 460 | Leakesville |

| 804 | Fort |

| 448 | Canton |

| 718 | Taft |

| 624 | Knobel |

| 908 | Bullhead |

| 866 | Haverhill |

| 598 | Middleboro |

| 654 | Lee |

| 446 | Mid |

| 376 | Gorham |

| 136 | Bass |

| 136 | Bass Harbor |

+------+-----------------------+

SELECT COUNT(city) - COUNT(DISTINCT(city)) AS Difference FROM station;

+------------+

| Difference |

+------------+

| 30 |

+------------+

select distinct(city) from station where left(city,1) in("a","e","i","o","u");

+---------------+

| city |

+---------------+

| Arlington |

| Albany |

| Upperco |

| Aguanga |

| Odin |

| East |

| Algonac |

| Onaway |

| Irvington |

| Arrowsmith |

| Udall |

| Oakfield |

| Elkton |

| Amo |

| Alanson |

| Eleele |

| Auburn |

| Oconee |

| Amazonia |

| Aliso |

| Andersonville |

| Eros |

| Arkadelphia |

| Eriline |

| Edgewater |

| Eastlake |

| Addison |

| Everton |

| Eustis |

| Arispe |

| Union |

| Ottertail |

| Ermine |

| Albion |

| Athens |

| Eufaula |

| Osage City |

| Andover |

| Osborne |

| Elm |

| Atlantic |

| Oshtemo |

| Archie |

| Olmitz |

| Allerton |

| Equality |

| Alpine |

| Ojai |

| Orange |

| Urbana |

| Ukiah |

| Alba |

| Esmond |

| Eureka |

| Eskridge |

| Ozona |

| Effingham |

| Alton |

| Agency |

| Anthony |

| Emmett |

| Acme |

+---------------+

select distinct(city)from station where left(city,1)in("a","e","i","o","u") And right(city,1) in ("a","e","i","o","u");

+---------------+

| city |

+---------------+

| Upperco |

| Aguanga |

| Amo |

| Eleele |

| Oconee |

| Amazonia |

| Aliso |

| Andersonville |

| Arkadelphia |

| Eriline |

| Eastlake |

| Arispe |

| Ermine |

| Eufaula |

| Osborne |

| Oshtemo |

| Archie |

| Alpine |

| Ojai |

| Orange |

| Urbana |

| Alba |

| Eureka |

| Eskridge |

| Ozona |

| Acme |

+---------------+

select distinct(city) from station where right(city,1) in("a","e","i","o","u");

+-----------------+

| city |

+-----------------+

| Glencoe |

| Chelsea |

| Pelahatchie |

| Dorrance |

| Cahone |

| Upperco |

| Waipahu |

| Millville |

| Aguanga |

| Morenci |

| South El Monte |

| Gustine |

| Delano |

| Westphalia |

| Saint Elmo |

| Raymondville |

| Barrigada |

| Hesperia |

| Wickliffe |

| Pine |

| Milledgeville |

| Prince |

| Pomona |

| Gretna |

| Yazoo |

| Zionsville |

| Rio |

| Buffalo |

| Samantha |

| Bentonville |

| Grosse |

| Robertsdale |

| Dale |

| Tennessee |

| Chokio |

| Bertha |

| Regina |

| Mascotte |

| Netawaka |

| Amo |

| Delta |

| Jerome |

| Lucerne |

| Clarkdale |

| Pheba |

| Eleele |

| Oconee |

| Grandville |

| Susanville |

| Rosie |

| Verona |

| De Tour Village |

| Bono |

| Biggsville |

| Amazonia |

| Marysville |

| Cape |

| Crane |

| Grayslake |

| Pierre |

| Bellevue |

| Lynnville |

| Hope |

| Aliso |

| Gowrie |

| Andersonville |

| Crouseville |

| Arkadelphia |

| Eriline |

| Hagatna |

| Eastlake |

| Corriganville |

| Tarzana |

| Grapevine |

| Kanorado |

| Curdsville |

| Notasulga |

| Skanee |

| Springerville |

| Ravenna |

| Brownsdale |

| Hayesville |

| Greenville |

| Yellville |

| Weldona |

| Cascade |

| Bayville |

| Arispe |

| Baileyville |

| Lakeville |

| Pico |

| Pawnee |

| Bainbridge |

| Dupo |

| Montrose |

| Ermine |

| Casco |

| Madisonville |

| Lismore |

| Eufaula |

| Wildie |

| Mosca |

| Lottie |

| Daleville |

| Cuba |

| Renville |

| Kirksville |

| Lydia |

| Monona |

| Lakota |

| Hayneville |

| Losantville |

| Caseville |

| Hopkinsville |

| Dixie |

| Hillside |

| Osborne |

| Honolulu |

| Oshtemo |

| Monroe |

| Blue |

| Archie |

| Alpine |

| Ojai |

| Orange |

| Urbana |

| Palatka |

| Yuma |

| Alba |

| Waresboro |

| Magnolia |

| Dundee |

| Eureka |

| Hyde |

| Chilhowee |

| Eskridge |

| Ozona |

| Five |

| Woodsboro |

| Clio |

| Yalaha |

| Leakesville |

| Shasta |

| Calpine |

| Tina |

| Middleboro |

| Lena |

| Lee |

| Acme |

+-----------------+

select distinct(city)from station where left(city,1)not in("a","e","i","o","u") And right(city,1)not in ("a","e","i","o","u");

+-----------------------+

| city |

+-----------------------+

| Kissee Mills |

| Loma Mar |

| Sandy Hook |

| Tipton |

| Turner |

| Slidell |

| Negreet |

| Chignik Lagoon |

| Hanna City |

| Monument |

| Manchester |

| Prescott |

| Graettinger |

| Sturgis |

| Highwood |

| Bowdon |

| Tyler |

| Watkins |

| Republic |

| Bowdon Junction |

| Hoskinston |

| Talbert |

| Mccomb |

| Kirk |

| Carlock |

| Seward |

| Roy |

| Pattonsburg |

| Centertown |

| Norvell |

| Beaver Island |

| Jemison |

| West Hills |

| Culdesac |

| Roselawn |

| Forest Lakes |

| San Simeon |

| Little Rock |

| Portland |

| New Century |

| Hampden |

| Sandborn |

| Seaton |

| Jolon |

| Childs |

| Shreveport |

| Forest |

| Sizerock |

| Winsted |

| Woodbury |

| Hackleburg |

| Soldier |

| Columbus |

| Kirkland |

| Wilton |

| Busby |

| Reeds |

| Hayfork |

| Mcbrides |

| Lee Center |

| Henderson |

| Palm Desert |

| Benedict |

| Tamms |

| Haubstadt |

| Clancy |

| Scotts |

| Norwood |

| Bridgeport |

| Cherry |

| Griffin |

| Pine Bluff |

| Baldwin |

| Pony |

| Franklin |

| Vulcan |

| Prairie Du Rocher |

| Carver |

| Paron |

| Winchester |

| Baton |

| Greenview |

| Cromwell |

| Quinter |

| Whitewater |

| Round |

| Rockton |

| North |

| Richland |

| Fremont |

| Philipsburg |

| Kensett |

| Koleen |

| Winslow |

| Reasnor |

| West |

| Frankfort |

| Linthicum |

| Pengilly |

| Newton |

| Newbury |

| Kismet |

| Canton |

| Clipper |

| Bison |

| Ridgway |

| South |

| Rydal |

| Deerfield |

| Montreal |

| Knob |

| Cranks |

| Rives |

| Ledyard |

| Norway |

| Rantoul |

| Richmond Hill |

| Fredericktown |

| Glen |

| Fredericksburg |

| Mc Henry |

| Wellington |

| Hoffman |

| Howard |

| Ducor |

| Salem |

| Sturdivant |

| Larkspur |

| Patriot |

| Carlos |

| Climax |

| Southport |

| Compton |

| Rumsey |

| Rogers |

| Pleasant |

| Libertytown |

| Church |

| Yellow |

| Dumont |

| Gales |

| Williams |

| Decatur |

| Holbrook |

| Sherrill |

| Linden |

| Sedgwick |

| Fort |

| Peachtree City |

| Rocheport |

| Clovis |

| Heyburn |

| Peabody |

| Marion |

| Randall |

| Jordan |

| "White Horse Beach" |

| Macy |

| Flowood |

| Deep |

| Napoleon |

| Leavenworth |

| Coldwater |

| Weldon |

| Turners |

| Delray |

| Mineral |

| Midpines |

| Tefft |

| Showell |

| Brighton |

| Grimes |

| Nubieber |

| Harmony |

| Beaufort |

| Humeston |

| Firebrick |

| Ludington |

| Channing |

| West Baden Springs |

| Melber |

| Sanders |

| Schleswig |

| Harbor |

| Richmond |

| Siler |

| Reeves |

| Clifton |

| Crescent |

| Panther |

| Hanscom |

| Bennington |

| Garland |

| Clutier |

| Lupton |

| Northfield |

| Norris |

| Clopton |

| Saint |

| Kingsland |

| Fairview |

| Bridgton |

| Brownstown |

| Hartland |

| Grand |

| Mesick |

| Dryden |

| Beverly |

| Marine On Saint Croix |

| Pocahontas |

| Yoder |

| Gatewood |

| Madden |

| Cheswold |

| Jack |

| Hawarden |

| Cannonsburg |

| New |

| Woodstock |

| Farmington |

| Pfeifer |

| Gridley |

| Fulton |

| Winter |

| Del |

| Greens |

| Garden |

| Brilliant |

| Norphlet |

| Mechanic |

| Keyes |

| Neon |

| Calhoun |

| Mullan |

| Coalgood |

| Walnut |

| Julian |

| Veedersburg |

| Payson |

| Windom |

| Ludlow |

| Lindsay |

| Bristol |

| Zachary |

| Hills |

| Montgomery |

| Delavan |

| Byron |

| Baker |

| Groveoak |

| Kenner |

| Many |

| Berryton |

| Newark |

| Cowgill |

| Novinger |

| Goodman |

| Cobalt |

| Jackson |

| Lapeer |

| Peaks |

| Hazlehurst |

| Chester |

| Clarkston |

| Healdsburg |

| Hotchkiss |

| Ravenden |

| Kell |

| Strasburg |

| Coaling |

| Corcoran |

| Greenway |

| Strawn |

| Dent |

| Shingletown |

| Taft |

| Knobel |

| Bullhead |

| Haverhill |

| Siloam |

| Freeport |

| Mid |

| Gorham |

| Bass |

| Granger |

| Bass Harbor |

+-----------------------+

select concat(first\_name,last\_name) AS List\_of\_employee,hire\_date,salary

-> from emp

-> where salary>2000 and (timestampdiff(month,hire\_date,now()))<36

-> order by salary desc;

+----------------------+------------+---------+

| List\_of\_employee | hire\_date | salary |

+----------------------+------------+---------+

| GeorgiFacello | 2020-02-23 | 7850.00 |

| PartoBamford | 2020-02-23 | 7850.00 |

| AnnekePreusig | 2020-02-23 | 7850.00 |

| TzvetanZielinski | 2020-02-23 | 7850.00 |

| SumantPeac | 2020-02-23 | 7850.00 |

| EberhardtTerkki | 2020-02-23 | 7850.00 |

| KazuhidePeha | 2020-02-23 | 7850.00 |

| RamziErde | 2020-02-23 | 7850.00 |

| DivierReistad | 2020-02-23 | 7850.00 |

| ArifMerlo | 2020-02-23 | 7850.00 |

| BaderSwan | 2020-02-23 | 7850.00 |

| AlejandroBrender | 2020-02-23 | 7850.00 |

| BerhardMcFarlin | 2020-02-23 | 7850.00 |

| TseHerber | 2020-02-23 | 7850.00 |

| GinoLeonhardt | 2020-02-23 | 7850.00 |

| KweeSchusler | 2020-02-23 | 7850.00 |

| ClaudiStavenow | 2020-02-23 | 7850.00 |

| MargaretaBierman | 2020-02-23 | 7850.00 |

| DanelMondadori | 2020-02-23 | 7850.00 |

| KshitijGils | 2020-02-23 | 7850.00 |

| ZhongweiRosen | 2020-02-23 | 7850.00 |

| XinglinEugenio | 2020-02-23 | 7850.00 |

| ArumugamOssenbruggen | 2020-02-23 | 7850.00 |

| ValterSullins | 2020-02-23 | 7850.00 |

| ChirstianKoblick | 2020-04-15 | 3475.00 |

| FlorianSyrotiuk | 2020-04-15 | 3475.00 |

| HepingNitsch | 2020-04-15 | 3475.00 |

| UdiJansch | 2020-04-15 | 3475.00 |

| HironobySidou | 2020-04-15 | 3475.00 |

| ErezRitzmann | 2020-04-15 | 3475.00 |

| JungsoonSyrzycki | 2020-04-15 | 3475.00 |

+----------------------+------------+---------+

select deptno,sum(salary) as Total\_salary from employee

-> group by deptno;

+--------+--------------+

| deptno | Total\_salary |

+--------+--------------+

| 10 | 20700.00 |

| 20 | 12300.00 |

| 30 | 1675.00 |

+--------+--------------+

select distinct(district) as city from city where population>100000;

+--------------+

| city |

+--------------+

| Zuid-Holland |

| Arizona |

| California |

| Iowa |

| Florida |

| Osaka |

| Saitama |

| Fukuoka |

| Yamaguchi |

+--------------+

select sum(population) from city where district="California";

+-----------------+

| sum(population) |

+-----------------+

| 339002 |

+-----------------+

SELECT district, AVG(population) AS avg\_population\_each\_country

-> FROM city

-> GROUP BY district

-> ORDER BY avg\_population\_each\_country DESC;

+---------------+-----------------------------+

| district | avg\_population\_each\_country |

+---------------+-----------------------------+

| Zuid-Holland | 593321.0000 |

| Osaka | 257315.0000 |

| Arizona | 202705.0000 |

| Saitama | 185957.0000 |

| Fukuoka | 142889.0000 |

| Iowa | 120758.0000 |

| Florida | 117549.0000 |

| California | 113000.6667 |

| Yamaguchi | 107078.0000 |

| Colorado | 91238.0000 |

| Massachusetts | 90555.0000 |

+---------------+-----------------------------+

Select ordernumber, status, customernumber,customername ,comments

-> from orders inner join customers

-> using(customernumber)

-> where status ="Disputed";

+-------------+----------+----------------+------------------------------+------------------------------------------------------------------------------------------------------------------------------------+

| ordernumber | status | customernumber | customername | comments

|

+-------------+----------+----------------+------------------------------+------------------------------------------------------------------------------------------------------------------------------------+

| 10406 | Disputed | 145 | Danish Wholesale Imports | Customer claims container with shipment was damaged during shipping and some items were missing. I am talking to FedEx about this. |

| 10415 | Disputed | 471 | Australian Collectables, Ltd | Customer claims the scales of the models don't match what was discussed. I keep all the paperwork though to prove otherwise |

| 10417 | Disputed | 141 | Euro+ Shopping Channel | Customer doesn't like the colors and precision of the models.

|

+-------------+----------+----------------+------------------------------+------------------------------------------------------------------------------------------------------------------------------------+

|  |
| --- |
|  |
|  |  |
|  |  |